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Application No. <u>101078,203</u>	Prepared by <u>NH</u>	Tracking Number <u>05903019</u>	
Examiner-GAU <u>Ullah-2874</u>	Date <u>3-9-4</u>	Week Date <u>02/09/04</u>	
	No. of queries <u>1</u>	<u>IFW</u>	

## JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

## SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

## CLAIMS

- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
- e. Index Disagrees
- f. Punctuation
- g. Amendments
- h. Bracketing
- i. Missing Text
- j. Duplicate Text
- k. Other

## MESSAGE

PTO-1449: Please either initial or line through citations. Copy provided for reference.

Thank you

initials NH

## RESPONSE

initials

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(MODIFIED) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
53168-500301D5

SERIAL NO.  
Not yet known

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)

APPLICANT  
Shrenik Deliwala

FILING DATE  
February 19, 2002

GROUP  
Not yet known

(37 C.F.R. § 1.98(b))

10/078203  
02/19/02

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	6	1	7	7	6	8	5	01/01	Teraguchi et al.			
	B	6	1	8	8	8	1	8	02/01	Han et al.			
	C	6	1	6	6	8	4	6	12/00	Maloney			
	D	6	0	7	5	9	0	8	06/00	Paniccia et al.			
	E	6	1	2	2	4	1	9	09/00	Kurokawa			
	F	5	8	6	4	6	4	2	01/99	Chun et al.			
	G	5	8	7	2	3	6	0	02/99	Paniccia et al.			
	H	5	8	3	5	6	4	6	11/98	Yishimura et al.			
	I	5	6	9	6	8	6	2	12/97	Hauer et al.			
	J	4	6	7	7	7	8	3	07/87	Cratsa			
	K	5	6	3	8	4	6	9	06/97	Feldman et al.			

### FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

### OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	L	Michael C. Parker et al., Applications of Active Arrayed-Waveguide Gratings in Dynamic WDM Networking and Routing, Journal of Lightwave Technology, Vol. 18, No. 12, December 2000.
	M	Bardia Pezeshki et al., Vertical Cavity Devices as Wavelength Selective Waveguides, Journal of Lightwave Technology, Vol. 12, No. 10, October 1994.
	N	Lucent Technologies, Bell Labs Innovations, Arrayed Waveguide Grating Multiplexer/Demultiplexer, January 2000.
	O	Robert Shi and Tomasz Jansson, Optical Interconnection Foundations and Applications, Chapter 5, Integrated Optical Waveguide Routing - Micro-optics, Artech House, pp. 141-225.
	P	Amalia N. Miliou et al., A 1.3 $\mu$ m Directional Coupler Polarization Splitter by Ion Exchange, Journal of Lightwave Technology, Vol. 11, No. 2, February 1993.
	Q	Gijs J. M. Krijnen et al., A New Method for the Calculation of Propagation constants and Field Profiles of Guided Modes of Nonlinear Channel Waveguides Based on the Effective Index Method, Journal of Lightwave Technology, Vol. 12, No. 9, September 1994.

EXAMINER

DATE CONSIDERED

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Shrenik Deliwala.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	R	5	6	2	9	8	3	8	05/97	Knight et al.			
	S	5	6	2	5	7	2	9	04/97	Brown			
	T	5	6	2	5	6	3	6	04/97	Bryan et al.			
	U	5	6	0	5	8	5	6	02/97	Goosen et al.			
	V	5	5	6	8	5	7	4	10/96	Tanguay, Jr. et al.			
	W	5	5	0	2	7	7	9	03/96	Magel			
	X	5	4	8	5	0	2	1	01/96	Abe			
	Y	5	4	3	4	4	3	4	07/95	Kasahara et al.			
	Z	5	4	3	2	6	3	0	07/95	Lebby et al.			
	AA	5	4	0	0	4	1	9	03/95	Heinen			
	BB	5	1	9	8	6	8	4	03/93	Sudo			

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													YES	NO

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U.S. PATENT DOCUMENTS

EXAMINE R INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CC	5	1	5	9	7	0	0	10/92	Reid, deceased et al.			
	DD	5	1	5	3	7	7	0	10/92	Harris			
	EE	5	0	6	1	0	2	7	10/91	Richard			
	FF	4	9	6	6	4	3	0	10/90	Weidel			
	GG	4	9	3	9	7	9	3	07/90	Stewart			
	HH	4	9	1	7	4	5	0	04/90	Pocholle			
	II	4	8	7	1	2	2	4	10/89	Karstensen			
	JJ	4	8	6	5	4	2	7	09/89	Kingston et al.			
	KK	4	7	6	1	6	2	0	08/88	Bar-Joseph et al.			
	LL	4	7	5	8	0	9	2	07/88	Heinrich et al.			
	MM	4	6	9	5	1	2	0	09/87	Holder			

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		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)


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(37 C.F.R. § 1.98(b))

**APPLICANT**  
**Shrenik Deliwala**

FILING DATE  
February 19, 2002

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## U.S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Relevant Pages, Place of Publication)

[illegible]

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02/19/02

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinda Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitution for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete if Known</b>	
Sheet	1	of	1
		Application Number	10/078, 203
		Filing Date	February 19, 2002
		First Named Inventor	S. Delidala
		Art Unit	3653
		Examiner Name	Not yet known
		Attorney Docket Number	53168-500301P5

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Examiner Signature		Date Considered	
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Substitute for form 1449A/PTO		Complete if Known			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/078,203		
		Filing Date	February 19, 2002		
		First Named Inventor	S. Deliwala		
		Art Unit	3653		
		Examiner Name	Not yet Known		
Sheet	/	of	/	Attorney Docket Number	53164-50030IDS

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	A	US-5,878,125	03-02-1999	Sengda et al.	RECEIVED JAN 31 2003 GROUP 3600
	B	US-6,016,374	01-18-2000	Adams et al.	
	C	US-6,208,773B	03-27-2001	Wickham et al.	
	D	US-6,221,565B	04-24-2001	Jain et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>2</sup> (if known)				

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